

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 7-2005)		ATTORNEY'S DOCKET NUMBER 3836.001
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/554,136
INTERNATIONAL APPLICATION NO. PCT/JP2004/005853	INTERNATIONAL FILING DATE April 23, 2004	PRIORITY DATE CLAIMED April 23, 2003
TITLE OF INVENTION LIGHT-EMITTING DIODE		
APPLICANT(S) FOR DO/EO/US Hiroshi KAWAZOE, Masahiro ORITA, Hiroaki YANAGITA, Satoshi KOBAYASHI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. EV 291191118 US 		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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23. Other items or information:																																				
The following fees have been submitted: 24. <input type="checkbox"/> Basic national fee \$300 25. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). \$0 All other situations. \$200 26. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). ... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. \$400 All other situations. \$500 TOTAL OF 24, 25 and 26 =		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">CALCULATIONS</th> <th style="text-align: left;">PTO USE</th> </tr> <tr> <td>\$ 0.00</td> <td></td> </tr> <tr> <td>\$ 0.00</td> <td></td> </tr> <tr> <td>\$ 0.00</td> <td></td> </tr> <tr> <td>\$ 0.00</td> <td></td> </tr> <tr> <td>\$ 0.00</td> <td></td> </tr> <tr> <td>\$ 0.00</td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS =</td> </tr> <tr> <td>\$ 0.00</td> <td></td> </tr> <tr> <td colspan="2">SUBTOTAL =</td> </tr> <tr> <td>\$ 0.00</td> <td></td> </tr> <tr> <td>\$ 130.00</td> <td></td> </tr> <tr> <td>\$ 130.00</td> <td></td> </tr> <tr> <td>\$ 40.00</td> <td></td> </tr> <tr> <td>\$ 170.00</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE	\$ 0.00		\$ 0.00		\$ 0.00		\$ 0.00		\$ 0.00		\$ 0.00		TOTAL OF ABOVE CALCULATIONS =		\$ 0.00		SUBTOTAL =		\$ 0.00		\$ 130.00		\$ 130.00		\$ 40.00		\$ 170.00					
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<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Total Sheets</th> <th style="width: 15%;">Extra Sheets</th> <th style="width: 30%;">Number of each additional 50 or fraction thereof (round up to a whole)</th> <th style="width: 15%;">RATE</th> </tr> <tr> <td>- 100 =</td> <td>0 /50 =</td> <td>0</td> <td>x \$250.00</td> </tr> </table> Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> </tr> <tr> <td>Total claims</td> <td>- 20 =</td> <td>0</td> <td>x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td>- 3 =</td> <td>0</td> <td>x \$200.00</td> </tr> </table> MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00		Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE	- 100 =	0 /50 =	0	x \$250.00	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	- 20 =	0	x \$50.00	Independent claims	- 3 =	0	x \$200.00	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>\$ 0.00</td> <td></td> </tr> <tr> <td>\$ 0.00</td> <td></td> </tr> <tr> <td>\$ 0.00</td> <td></td> </tr> <tr> <td>\$ 130.00</td> <td></td> </tr> <tr> <td>\$ 130.00</td> <td></td> </tr> <tr> <td>\$ 40.00</td> <td></td> </tr> <tr> <td>\$ 170.00</td> <td></td> </tr> </table>	\$ 0.00		\$ 0.00		\$ 0.00		\$ 130.00		\$ 130.00		\$ 40.00		\$ 170.00	
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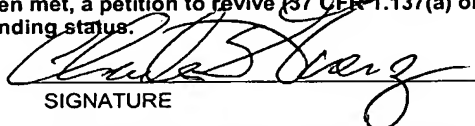
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- a. ☒ A check in the amount of \$ \$170.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0636. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer Number: 22337
Law Offices of Charles Guenzer
2211 Park Boulevard
P.O. Box 60729
Palo Alto, CA 94306


SIGNATURE
Charles S. Guenzer, (650) 566-8040
NAME
30,640
REGISTRATION NUMBER
May 12, 2006
DATE